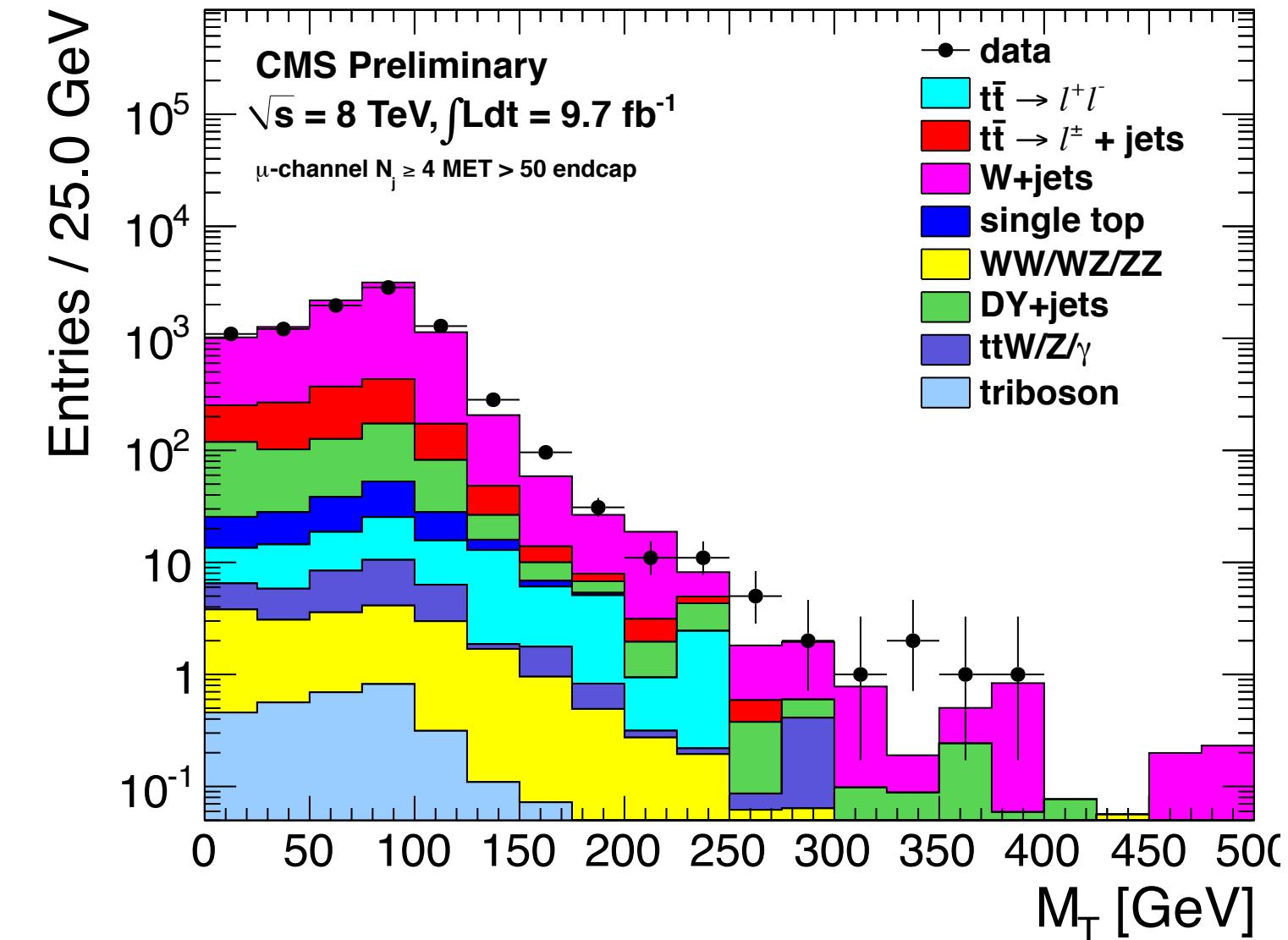
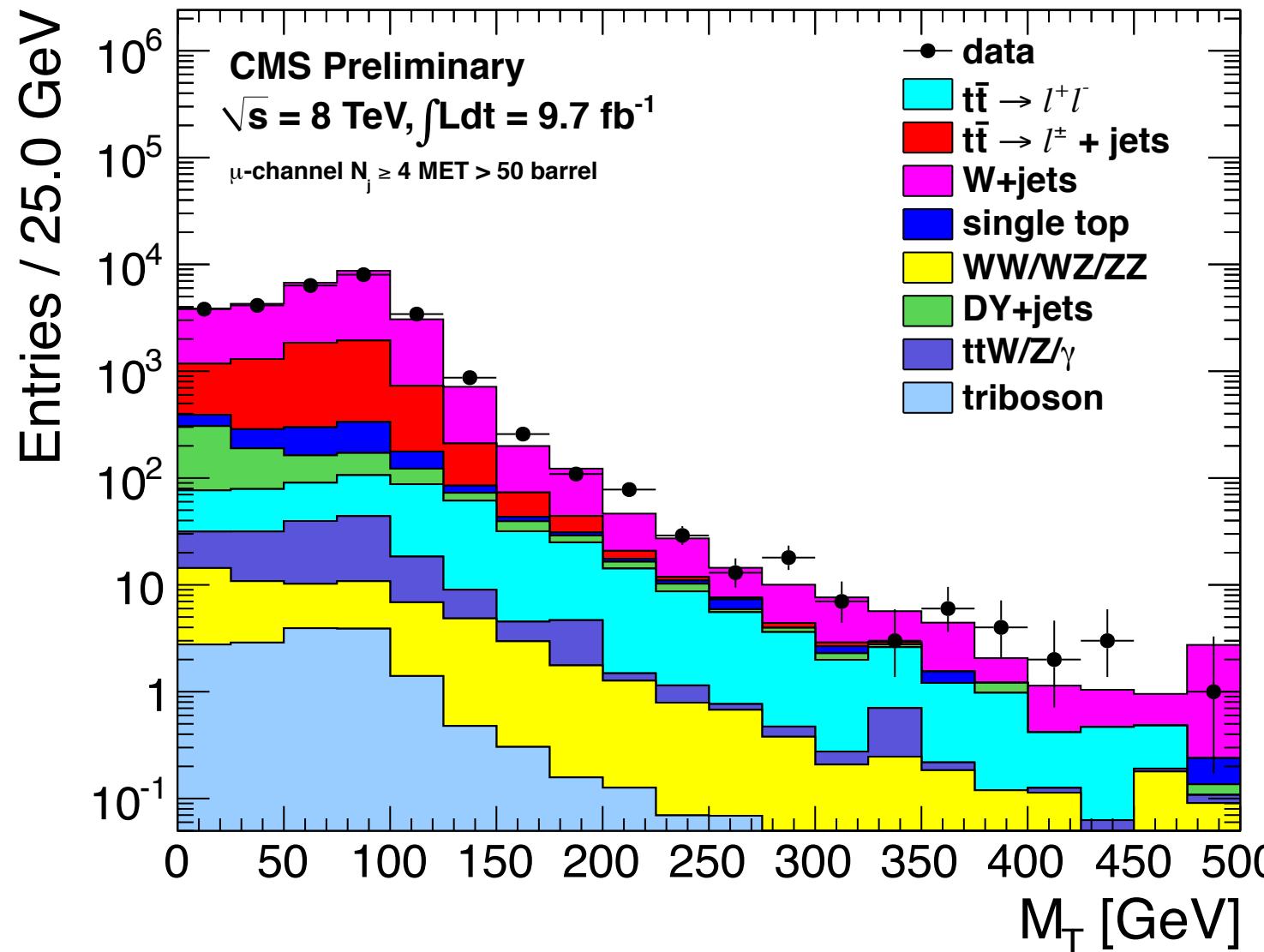
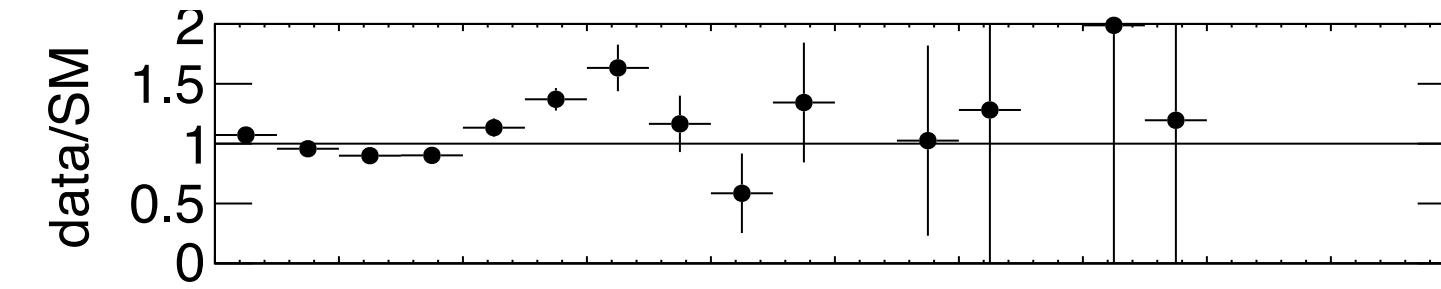
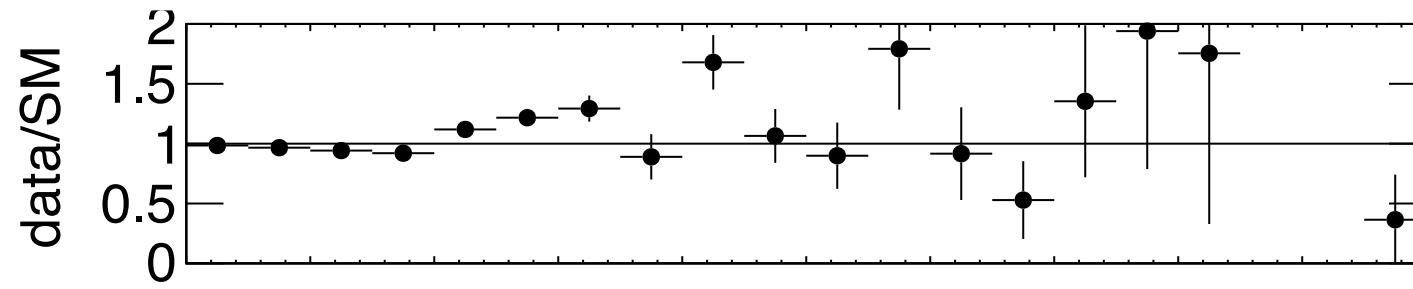


Muons in CRI

$\geq 4j$

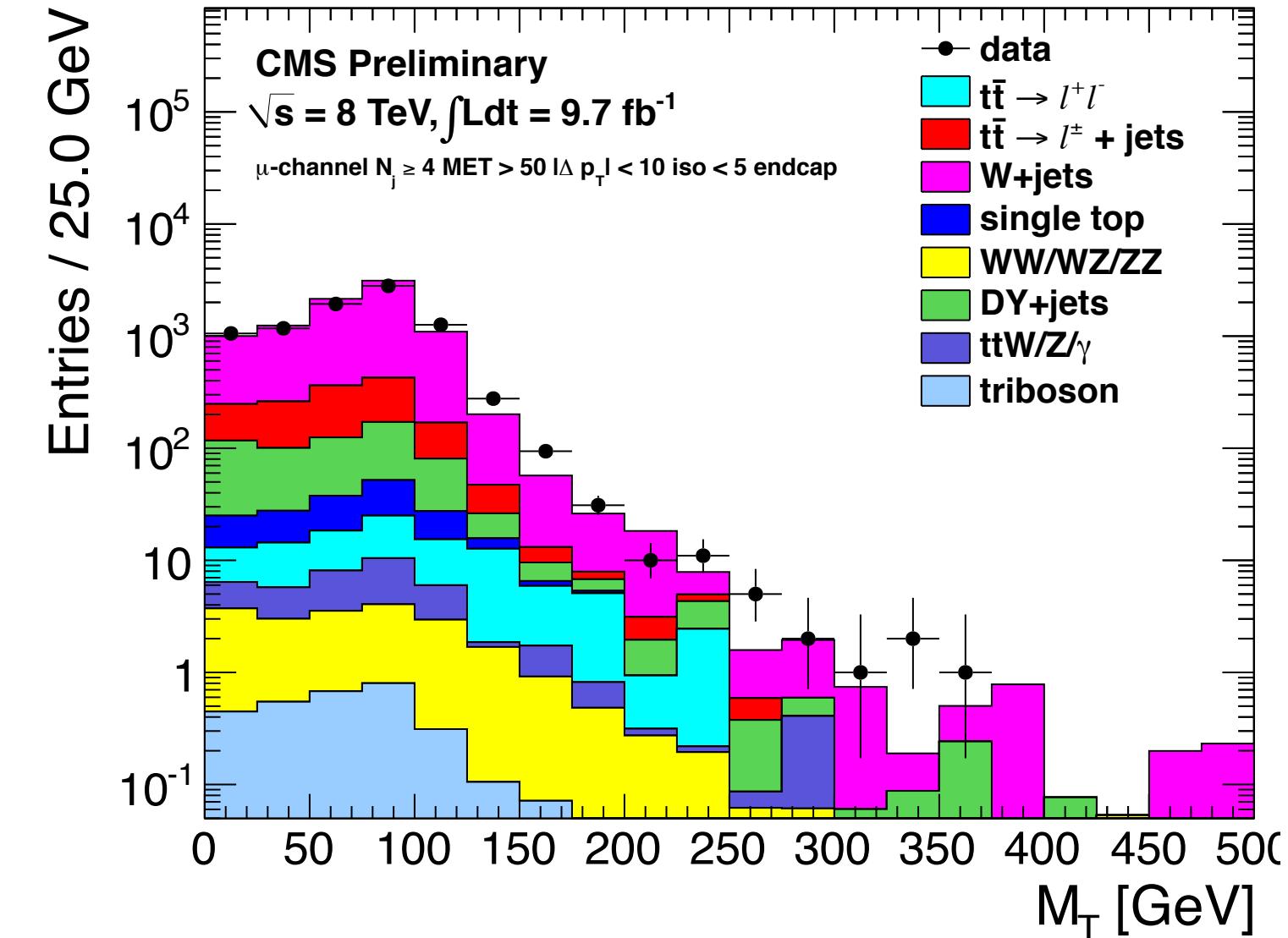
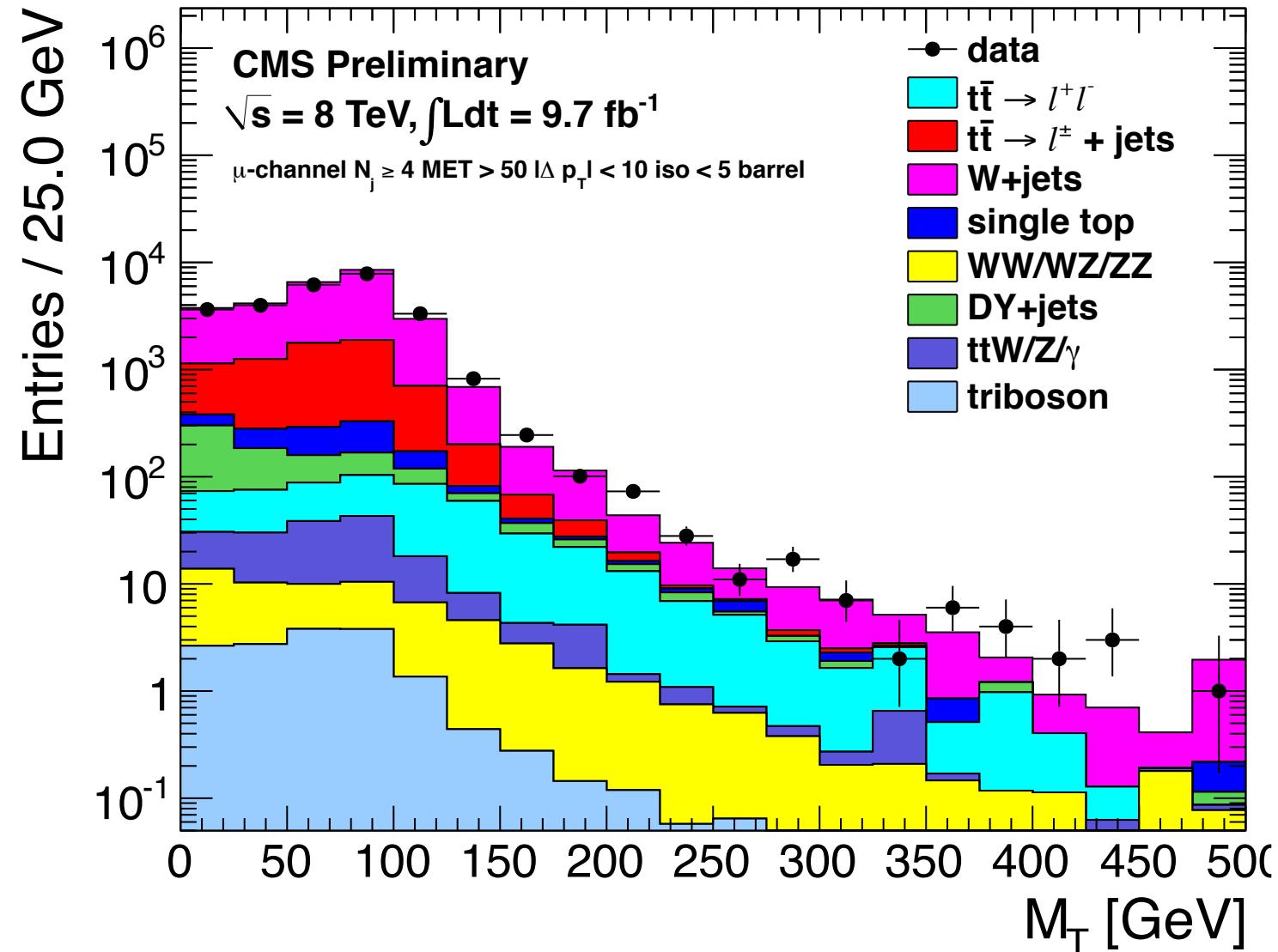
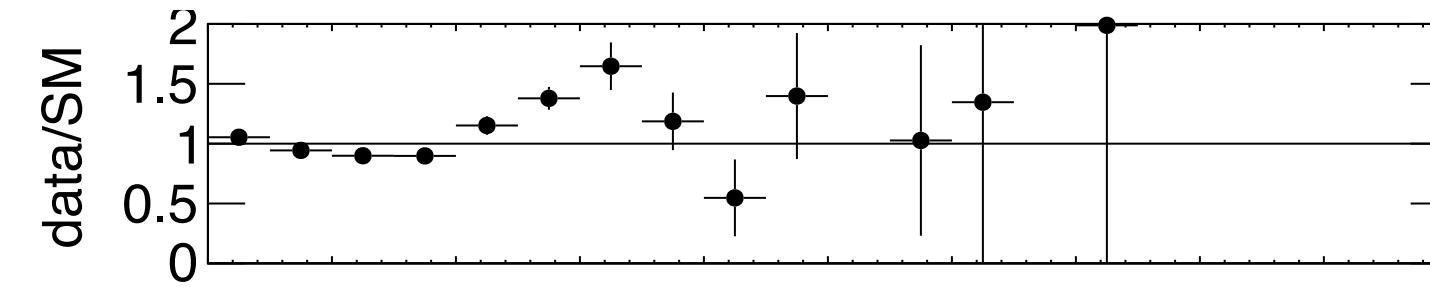
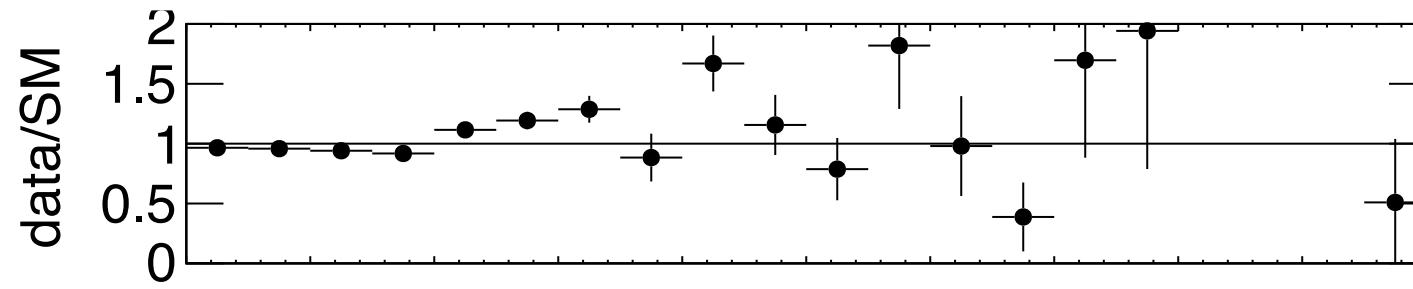
M_T for ≥ 4 jets and $\text{MET} > 50 \text{ GeV}$



	N	Eff $M_T > 120$	Eff $M_T > 150$	Eff $M_T > 200$
data	27124	0.0656	0.0196	0.00605
MC	27805	0.0504	0.016	0.00445
ratio	0.975	1.30	1.22	1.36

	N	Eff $M_T > 120$	Eff $M_T > 150$	Eff $M_T > 200$
data	8843	0.0649	0.0182	0.00384
MC	9080.1	0.0456	0.0131	0.0037
ratio	0.974	1.42	1.39	1.04

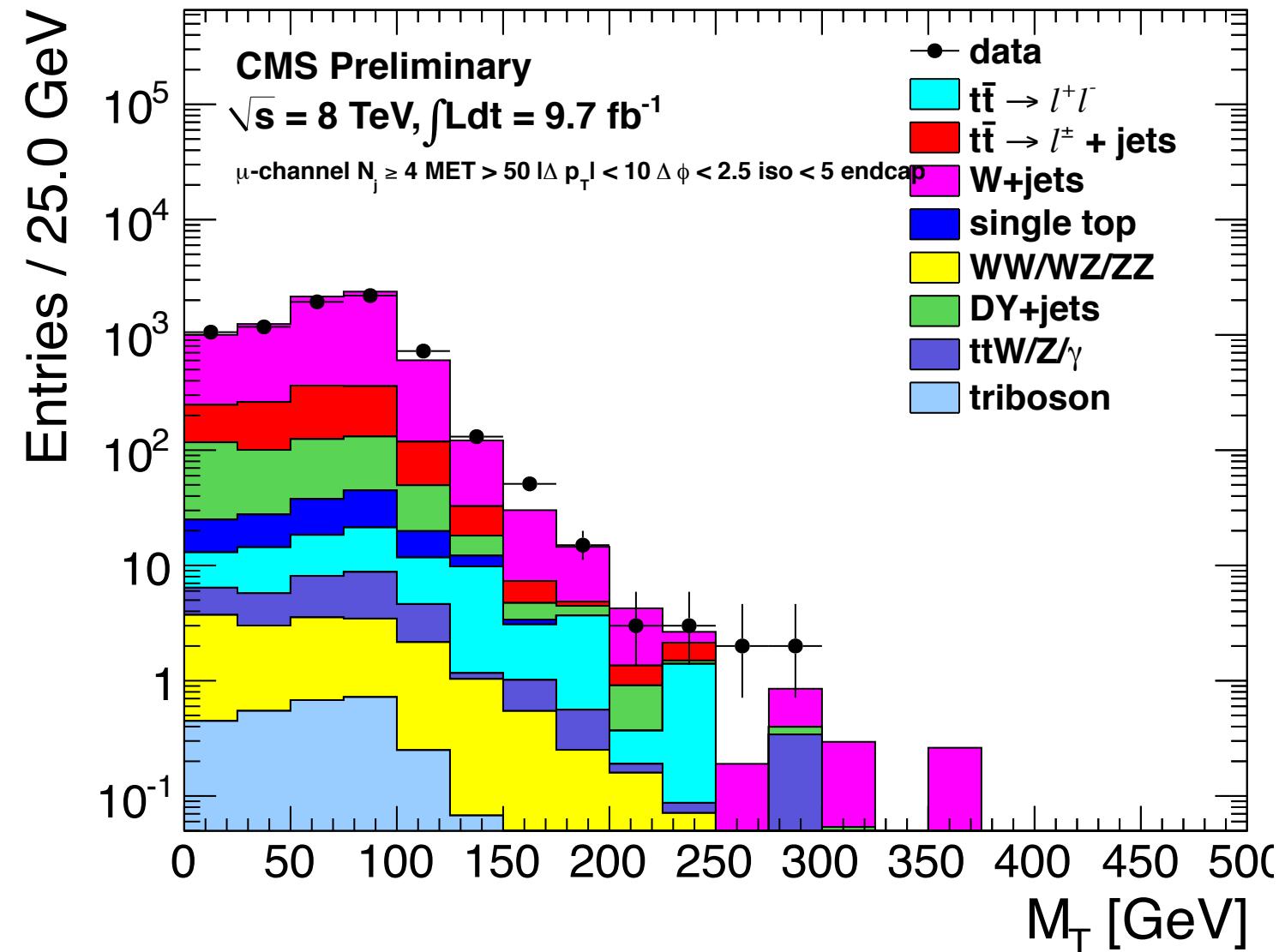
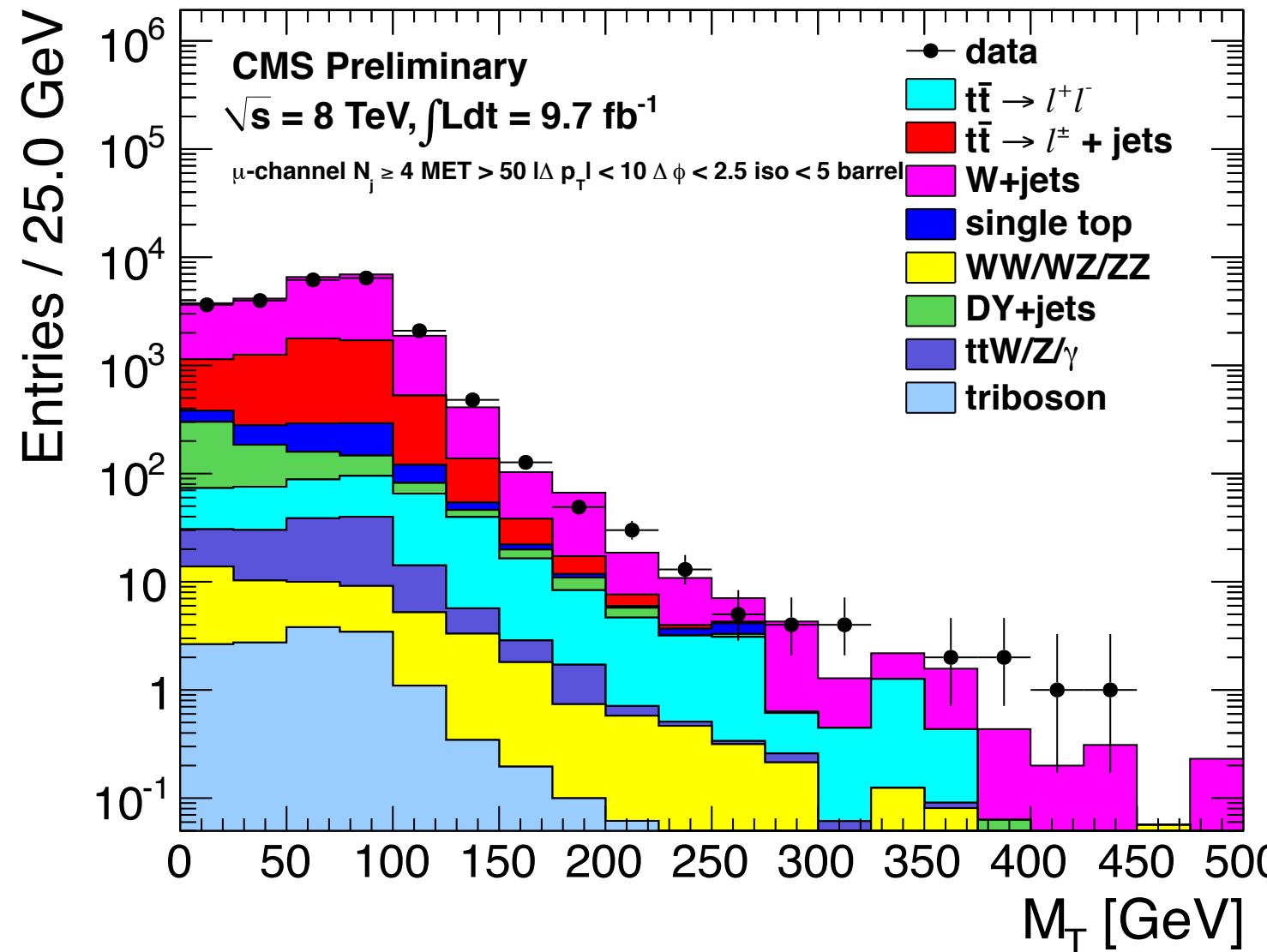
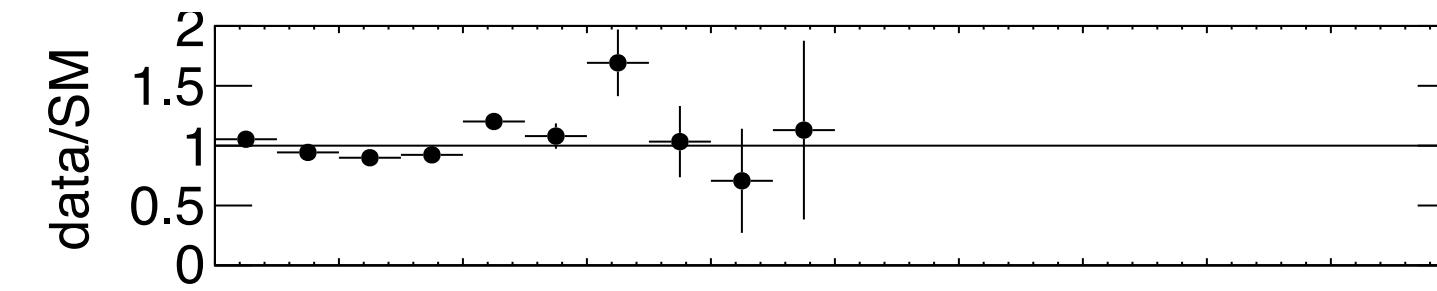
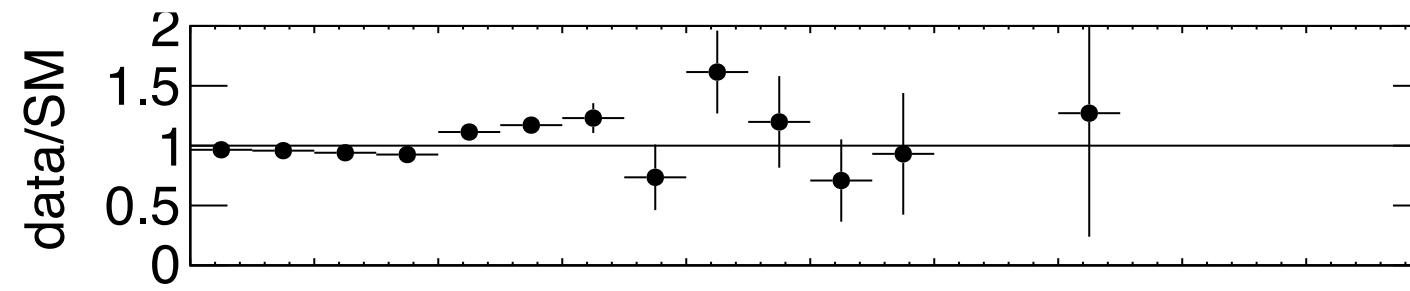
add $\Delta p_T < 10$ and iso < 5 GeV



	N	Eff $M_T > 120$	Eff $M_T > 150$	Eff $M_T > 200$
data	26252	0.0641	0.019	0.00587
MC	27083	0.0494	0.0154	0.00418
ratio	0.97	1.30	1.23	1.40

	N	Eff $M_T > 120$	Eff $M_T > 150$	Eff $M_T > 200$
data	8663	0.0645	0.0181	0.00369
MC	8932.3	0.0451	0.0129	0.00363
ratio	0.97	1.43	1.40	1.02

add $\Delta\phi(\text{MET}, \text{lep}) < 2.5$



	N	Eff $M_T > 120$	Eff $M_T > 150$	Eff $M_T > 200$
data	23010	0.04	0.0103	0.00269
MC	23911	0.0324	0.00907	0.00197
ratio	0.96	1.23	1.14	1.37

	N	Eff $M_T > 120$	Eff $M_T > 150$	Eff $M_T > 200$
data	7286	0.0362	0.0104	0.00137
MC	7547.7	0.0302	0.00705	0.00113
ratio	0.97	1.20	1.48	1.22

